

(a)(2)(xii) Failing the on-board diagnostic check all linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls					(a)(2)(i) Fail Initial.xlsx % of Initial Tests	
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985					0	
1986					0	
1987					0	
1988					0	
1989					0	
1990					0	
1991					0	
1992					0	
1993					0	
1994					0	
1995					0	
1996		1467	398	17	1882	
1997		2288	138	9	2435	
1998		2272	183	15	2470	
1999		2818	27	0	2845	
2000		3492	17	1	3510	
2001		3767	5	2	3774	
2002		3094	4	0	3098	
2003		3198	2	2	3202	
2004		2142	3	1	2146	
2005		1976	0	0	1976	
2006		1325	0	0	1325	
2007		979	0	0	979	
2008		436	0	0	436	
2009		330	0	0	330	
2010		108	0	0	108	
2011		40	0	0	40	
2012		3	0	0	3	
2013		0	0	0	0	
TOTALS		29735	777	47	30559	

Note: "H" data already corrected for "C" tests.

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
P	linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						0
1990						0
1991						0
1992						0
1993						0
1994						0
1995						0
1996		828	328	17	1173	
1997		1341	113	6	1460	
1998		1361	173	15	1549	
1999		1792	17	0	1809	
2000		2133	9	0	2142	
2001		2076	0	1	2077	
2002		1659	3	0	1662	
2003		1670	0	2	1672	
2004		1023	2	0	1025	
2005		961	0	0	961	
2006		724	0	0	724	
2007		491	0	0	491	
2008		250	0	0	250	
2009		330	0	0	330	
2010		59	0	0	59	
2011		40	0	0	40	
2012		3	0	0	3	
2013		0	0	0	0	
TOTALS		16741	645	41	17427	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T1	linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						0
1996		483		69	0	552
1997		723		21	3	747
1998		691		9	0	700
1999		740		6	0	746
2000		992		7	0	999
2001		1256		3	1	1260
2002		1054		0	0	1054
2003		981		2	0	983
2004		720		1	0	721
2005		650		0	0	650
2006		334		0	0	334
2007		261		0	0	261
2008		91		0	0	91
2009		330		0	0	330
2010		29		0	0	29
2011		40		0	0	40
2012		0		0	0	0
2013		0		0	0	0
TOTALS		9375		118	4	9497

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T2	linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		138		1	0	139
1997		201		4	0	205
1998		197		1	0	198
1999		262		4	0	266
2000		320		1	1	322
2001		395		2	0	397
2002		350		1	0	351
2003		485		0	0	485
2004		364		0	1	365
2005		298		0	0	298
2006		203		0	0	203
2007		158		0	0	158
2008		84		0	0	84
2009		330		0	0	330
2010		14		0	0	14
2011		40		0	0	40
2012		0		0	0	0
2013		0		0	0	0
TOTALS		3839		14	2	3855

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
H	linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		18		0	0	18
1997		23		0	0	23
1998		23		0	0	23
1999		24		0	0	24
2000		47		0	0	47
2001		40		0	0	40
2002		31		0	0	31
2003		62		0	0	62
2004		35		0	0	35
2005		67		0	0	67
2006		64		0	0	64
2007		69		0	0	69
2008		11		0	0	11
2009		330		0	0	330
2010		6		0	0	6
2011		40		0	0	40
2012		0		0	0	0
2013		0		0	0	0
TOTALS		890		0	0	890

Note: "H" data already corrected for "C" tests.

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check all linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls						(a)(2)(i) Fail Initial.xlsx
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		10.2%	28.6%	10.7%	11.8%	
1997		9.5%	21.9%	56.3%	9.9%	
1998		8.8%	23.3%	18.3%	9.3%	
1999		7.3%	56.3%	0.0%	7.4%	
2000		8.5%	42.5%	33.3%	8.6%	
2001		7.4%	21.7%	100.0%	7.4%	
2002		6.4%	50.0%	#DIV/0!	6.4%	
2003		4.7%	100.0%	66.7%	4.7%	
2004		3.8%	75.0%	100.0%	3.8%	
2005		2.5%	#DIV/0!	#DIV/0!	2.5%	
2006		2.2%	#DIV/0!	#DIV/0!	2.2%	
2007		1.2%	0.0%	#DIV/0!	1.2%	
2008		0.7%	#DIV/0!	#DIV/0!	0.7%	
2009		0.5%	0.0%	#DIV/0!	0.5%	
2010		0.3%	#DIV/0!	0.0%	0.3%	
2011		0.4%	0.0%	#DIV/0!	0.4%	
2012		0.7%	#DIV/0!	#DIV/0!	0.7%	
2013		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
TOTALS		3.9%	26.5%	17.5%	4.0%	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
P	linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
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1982						
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1984						
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1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		9.1%	29.7%		11.3%	
1997		8.9%	20.3%		9.3%	
1998		8.5%	22.7%		9.2%	
1999		7.6%	54.8%		7.7%	
2000		8.7%	32.1%		8.7%	
2001		7.0%	0.0%		7.0%	
2002		6.0%	60.0%		6.0%	
2003		4.6%	#DIV/0!		4.6%	
2004		3.6%	66.7%		3.6%	
2005		2.5%	#DIV/0!		2.5%	
2006		2.2%	#DIV/0!		2.2%	
2007		1.1%	#DIV/0!		1.1%	
2008		0.8%	#DIV/0!		0.8%	
2009		0.9%	0.0%		0.9%	
2010		0.2%	#DIV/0!		0.2%	
2011		0.7%	#DIV/0!		0.7%	
2012		0.9%	#DIV/0!		0.9%	
2013		#DIV/0!	#DIV/0!		#DIV/0!	
TOTALS		3.9%	25.8%		4.1%	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T1	linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
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1982						
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1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		11.9%	24.2%		12.7%	
1997		10.3%	30.4%		10.5%	
1998		9.0%	45.0%		9.1%	
1999		6.7%	54.5%		6.7%	
2000		8.0%	63.6%		8.1%	
2001		7.9%	37.5%		7.9%	
2002		6.7%	#DIV/0!		6.7%	
2003		4.3%	100.0%		4.3%	
2004		3.6%	100.0%		3.6%	
2005		2.4%	#DIV/0!		2.4%	
2006		1.9%	#DIV/0!		1.9%	
2007		1.0%	#DIV/0!		1.0%	
2008		0.6%	#DIV/0!		0.6%	
2009		2.1%	#DIV/0!		2.1%	
2010		0.3%	#DIV/0!		0.3%	
2011		1.8%	0.0%		1.8%	
2012		0.0%	#DIV/0!		0.0%	
2013		#DIV/0!	#DIV/0!		#DIV/0!	
TOTALS		4.1%	28.9%	44.4%	4.1%	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T2	linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		12.3%				12.4%
1997		11.3%				11.5%
1998		10.2%				10.2%
1999		6.8%				6.9%
2000		8.6%				8.7%
2001		7.5%				7.5%
2002		7.0%				7.1%
2003		5.5%				5.5%
2004		4.6%				4.6%
2005		2.9%				2.9%
2006		2.5%				2.5%
2007		1.5%				1.5%
2008		0.8%				0.8%
2009		4.6%				4.6%
2010		0.3%				0.3%
2011		2.7%				2.7%
2012		0.0%				0.0%
2013		#DIV/0!				#DIV/0!
TOTALS			4.2%	53.8%		4.2%

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
H	linked to : 2011 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2011					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		22.5%			#DIV/0!	22.5%
1997		14.5%			#DIV/0!	14.5%
1998		16.3%			#DIV/0!	16.3%
1999		10.4%			#DIV/0!	10.4%
2000		16.0%			#DIV/0!	16.0%
2001		11.0%			#DIV/0!	11.0%
2002		12.0%			#DIV/0!	12.0%
2003		10.7%			#DIV/0!	10.7%
2004		5.7%			#DIV/0!	5.7%
2005		4.0%			#DIV/0!	4.0%
2006		4.8%			#DIV/0!	4.8%
2007		5.2%			#DIV/0!	5.2%
2008		1.4%			#DIV/0!	1.4%
2009		51.5%			#DIV/0!	51.5%
2010		1.4%			#DIV/0!	1.4%
2011		29.2%			#DIV/0!	29.2%
2012		0.0%			#DIV/0!	0.0%
2013		#DIV/0!			#DIV/0!	#DIV/0!
TOTALS		9.8%			0.0%	9.8%

Note: "B" and "C" failures could have failed for either OBD or tailpipe test